



PATENTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Frank J. Juskey et al. Docket: 102441-201  
Serial No.: 10/542,211 Art Unit:  
Filed: July 14, 2005 Conf. No.: 1746  
Assignee: Advanced Interconnect Technologies Limited  
Title: THIN MULTIPLE SEMICONDUCTOR DIE PACKAGE  
Customer Number 27267

Mail Stop MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

Enclosed please find the following document(s) regarding the above-identified U.S. patent application:

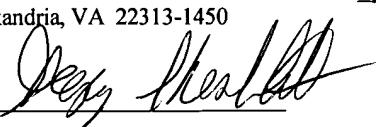
1. Self-addressed, postage paid return postcard;
2. COMPLETION OF FILING REQUIREMENTS – NONPROVISIONAL APPLICATION, including Fee Authorization (4 pages, in duplicate);
3. Copy of the NOTICE TO FILE MISSING PARTS (2 pages);
4. COMBINED DECLARATION AND POWER OF ATTORNEY FOR JOINT INVENTORS, executed (6 pages);

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

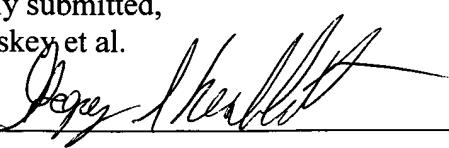
I hereby certify that this correspondence (along with any paper(s) referred to as being attached or enclosed) is being deposited this date with the United States Postal Service as first class mail with sufficient postage and in an envelope addressed to:

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Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: MARCH 14, 2006

By:   
Name (printed/typed): Gregory S. Rosenblatt

Respectfully submitted,  
Frank J. Juskey et al.

By: 

Gregory S. Rosenblatt, Reg. No. 32,489  
Wiggin and Dana LLP  
One Century Tower  
New Haven, Connecticut 06508  
Tel. No. 203-498-4566



AP6 Rec'd PCT 16 MAR 2006

Attorney Docket No.102441-201

U.S. Serial No.10/542,211

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-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Frank J. Juskey et al.

Docket: 102441-201

Serial No.: 10/542,211

Conf. No.: 1746

Filed: July 14, 2005

Assignee: Advanced Interconnect Technologies Limited

Title: THIN MULTIPLE SEMICONDUTOR DIE PACKAGE

**COMPLETION OF FILING REQUIREMENTS UNDER 37 CFR 1.53(b)**  
**NONPROVISIONAL APPLICATION**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sirs:

- This replies to the Notice to File Missing Requirements under 35 U.S.C. 371 mailed December 2, 2005.
- A copy of the Notice to File Missing Requirements of Application – (Form PTO/DO/EO/905) is enclosed.

**CERTIFICATE OF MAILING OR TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being:

- deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- transmitted by facsimile on the date shown below to the United States Patent and Trademark Office via facsimile at (571) 273-8300.

Date: MARCH 14, 2006

Signed:

Gregory S. Rosenblatt

**1. DECLARATION OR OATH**

- No declaration or oath was filed. Enclosed is the executed declaration or oath for this application.
- The declaration or oath that was filed was either unexecuted or determined to be defective. A new executed oath or declaration is attached.

**2. AMENDMENT CANCELING CLAIMS**

- Cancel claims \_\_\_\_\_ inclusive.

**3. TRANSMITTAL OF ENGLISH TRANSLATION OF NON-ENGLISH LANGUAGE PAPERS**

- Submitted herewith is an English translation of the non-English language application papers as originally filed. Also submitted herewith is a statement by the translator of the accuracy of the translation. It is requested that this translation be used as the copy for examination purposes in the PTO.

**4. COMPLETION FEES**

- Completion Fees included:

LATE PAYMENT OF FILING FEE AND/OR LATE FILING OF ORIGINAL DECLARATION OR OATH	\$130.00	\$130.00
SMALL ENTITY BY 50%	\$ 65.00	-\$0.00
<b>SUBTOTAL</b>		<b>\$0.00</b>
PETITION AND FEE FOR FILING	\$130.00	\$0.00
FEE FOR PROCESSING AN APPLICATION FILED WITH A SPECIFICATION IN A NON-ENGLISH LANGUAGE	\$130.00	\$0.00
FEE FOR PROCESSING AND RETENTION OF APPLICATION	\$130.00	\$0.00
<b>TOTAL</b>		<b>\$130.00</b>

TOTAL COMPLETION FEES ARE \$130.00.

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## 5. EXTENSION OF TIME

The proceedings herein are for a patent application, and the provisions of 37 CFR §1.136(a) apply.

Applicant petitions for an extension of time, the fees for which are set out in 37 CFR § 1.17(a) (1)-(4), for the total number of months checked below:

EXTENSION	FEE FOR OTHER THAN SMALL ENTITY	FEE FOR SMALL ENTITY
<input type="checkbox"/> ONE MONTH	\$110.00	\$55.00
<input checked="" type="checkbox"/> TWO MONTHS	\$420.00	\$210.00
<input type="checkbox"/> THREE MONTHS	\$950.00	\$475.00
<input type="checkbox"/> FOUR MONTHS	\$1480.00	\$740.00
<input type="checkbox"/> FIVE MONTHS	\$2010.00	\$1005.00
FEE		<b>\$420.00</b>

If an additional extension of time is required, please consider this a petition therefor.

- An extension for \_\_\_\_\_ has already been secured, and the fee paid therefor of \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.
- EXTENSION FEE DUE WITH THIS REQUEST IS **\$420.00**.
- Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

## 6. TOTAL FEE DUE

COMPLETION FEE	\$130.00
EXTENSION FEES	\$420.00
TOTAL	<b>\$550.00</b>

**7. METHOD OF PAYMENT OF FEES**

- Check in the amount of \_\_\_\_.  
 Charge Account No. 23-1665 in the amount of \$550.00.

**8. AUTHORIZATION TO CHARGE ADDITIONAL FEES**

The Commissioner is hereby authorized to charge any additional fees which may be required under 37 CFR §§1.16, 1.17, 1.18, or credit any overpayment to Account No. 23-1665.

Respectfully Submitted,  
Frank J. Juskey et al.

Date: MARCH 14, 2006

  
\_\_\_\_\_  
Gregory S. Rosenblatt, Reg. No. 32,489

**CONTACT INFORMATION:**

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/542,211	Frank J Juskey	102441-201
27267 WIGGIN AND DANA LLP ATTENTION: PATENT DOCKETING ONE CENTURY TOWER, P.O. BOX 1832 NEW HAVEN, CT 06508-1832	<b>RECEIVED</b> DEC 09 2005 By <i>SB</i>	
		INTERNATIONAL APPLICATION NO. PCT/US04/03170
		I.A. FILING DATE 02/03/2004
		PRIORITY DATE 02/04/2003

CONFIRMATION NO. 1746  
 371 FORMALITIES LETTER



\*OC000000017568139\*

Date Mailed: 12/02/2005

*Missing Requirement Due by - 2-2-06*

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/14/2005
- Copy of the International Search Report filed on 07/14/2005
- Oath or Declaration filed on 07/14/2005
- U.S. Basic National Fees filed on 07/14/2005
- Priority Documents filed on 07/14/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

SHAKEEL AHMED

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Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/542,211	PCT/US04/03170	102441-201

FORM PCT/DO/EO/905 (371 Formalities Notice)